



R E P O R T

on the

H E A L T H

of the

URBAN DISTRICT OF BOWDON

1964



BOWDON URBAN DISTRICT COUNCIL

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Public Health Committee

1964

Councillor	T. Gray Hill (Chairman)
"	F. Seatree
"	J.I. Cooper
"	Colonel W.E.B. Dansie O.B.E.
"	Colonel W.L.I. Egerton Smith
"	Major G.C. Howarth
"	J.B. Humphreys
"	A.D. Johnson J.P.
"	Miss M. Mason M.A., J.P.,
"	H. Davies
"	J.C. Chicken
"	Mrs E. Cassel

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Medical Officer Of Health

Dr. W.H. Parry M.D., D.P.H., D.T.M., & H

Public Health Inspector.

L.J. Cottrell, A.R.S.I., M.Inst., P.H.E.,



Mr Chairman, Ladies & Gentlemen.

I have the honour to present the Annual Report for the year 1964 on the sanitary circumstances in the district. It will be appreciated that the report covers a period prior to my appointment to this Authority.

The Registrar General's estimate of the mid year population of the district was 4,660, an increase of 180 above the population in 1963. There were 78 live births, and 64 deaths during the year.

The birth rate was considerably below the national figure. The crude birth rate for the district was 12.9 per thousand of the population, but when this figure was standardised for the purpose of comparison with birth rates elsewhere it became 13.67 and it is this latter figure which has to be compared with the national figure of 18.4 per thousand of population.

The death rate was also lower than the national death rate. The crude death rate for the district was 13.69 per thousand of the population, the standardised rate being 9.99 which has to be compared with the national rate of 11.3 per thousand of the population. This comparison is at variance with the comment in the body of the report below, the table showing the causes of death because the comment was based on a comparison between the crude death rate for the district and the national rate.

There were 43 cases of notifiable diseases mainly measles, of which there were 37 notifications. It was pleasing to record that there were no new cases of pulmonary tuberculosis during the years 1963 and 1964. There were 10 cases of pulmonary tuberculosis on the register at the end of 1964. The whole picture of tuberculosis has undergone a considerable change since the end of the war, at which time the responsible authorities wondered how best to set about tackling the problem of treating more patients than there were facilities with which to treat them. New preventive measures, new drugs, and new surgical techniques within the past 10 to 15 years have brought about a more rapid decline in the number of infected persons than was hoped for or expected. The time and energy devoted to the treatment of tuberculosis was reduced and directed to more efficient contact tracing, and this procedure has done as much as anything else to contain the disease and reduce its dangers to the public. There will be no satisfaction until tuberculosis has been eradicated, but nevertheless the present situation is satisfactory but not to such an extent as to permit an air of complacency to creep in or a let up in the drive towards the complete eradication of tuberculosis. Any slacking in the effort would give tuberculosis the opportunity to re-establish itself and this cannot be allowed to happen.

The sanitary circumstances and the public health in the district can be said to be satisfactory, and this state has only been achieved through the hard work of the staff of the Health Department, especially Mr Cottrell to whom I am indebted for the compilation of this report.

I have the honour to be

Your obedient servant

E.H. Gordon

Medical Officer of Health



General Statistics

	<u>1962</u>	<u>1963</u>	<u>1964</u>
Area of the District	1090	1090	1090
Average height above sea level	220	220	220
Registrar General's estimated mid year population	4440	4480	4660
Number of inhabited houses	1409	1429	1449
Rateable Value	£69,830	£194,912	£200,369
Sum represented by penny rate	£280	£788	£800

Vital Statistics

Total live births	67	49	78
Crude birth rate per 1000 population	15.09	10.93	12.90
Comparability factor	.88	1.06	1.06
Standardised birth rate	13.27	11.58	13.67
General birth rate England & Wales		18.2	18.4
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Total still births	1	0	0
Still birth rate 1,000 live and still births	14.7	0	0
Total live and still births	68	49	78
Infant mortality rate per 1000 legitimate live births	31.2	20.40	13.90
Infant mortality rate per 1000 live births	29.4	0	12.80
Infant mortality rate per 1000 illegitimate live births	0	.333	.250
Neo mortality rate per 1000 live births	14.9	0	-
Maternal deaths	0	0	0
Maternal mortality per 1000 live and still births	0	0	0
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Total Deaths	64	78	64
Crude death rate per 1000 population	14.4	17.41	13.69
Comparability factor	.85	0.73	0.73
Standardised death rate	12.24	12.71	9.99
General death rate		12.2	11.3
Deaths from cancer	8	15	8
Deaths from Tuberculosis	0	0	0



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PART TWO - TABLES.

Infant Mortality.

Table 1. Live Births.,

	LEGITIMATE			ILLEGITIMATE			TOTALS		
	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>
Male	24	25	38	1	1	3	25	26	41
Female	40	21	36	2	2	1	42	23	37
Total	64	46	74	3	3	4	67	49	78

Table 2. Still Births

	LEGITIMATE			ILLEGITIMATE			TOTALS		
	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>
Male	1	0	0	0	0	0	1	0	0
Female	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	1	0	0

Table 3 Deaths of Infants

Under 1 year of age

	LEGITIMATE			ILLEGITIMATE			TOTALS		
	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>
Male	1	0	0	0	0	0	1	0	0
Female	1	0	0	0	1	1	1	1	1
Total	2	0	0	0	1	1	2	1	1

Table 4 Deaths of Infants

Under 4 weeks of age.

	LEGITIMATE			ILLEGITIMATE			TOTALS		
	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>
Male	1	0	0	0	0	0	1	0	0
Female	2	0	0	0	0	0	2	0	0
Total	3	0	0	0	0	0	3	0	0



Notifiable Diseases

For Quarter Ended - 1964	Scarlet fever		Whooping Cough		Measles Excluding Rubella		Acute Poliomyelitis		Paralytic poliomyelitis		Respiratory Tuberculosis		Paratyphoid fever		Puerperal Pyrexia	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Quarter ended 31st March	-	-	1	3	1	-	-	-	-	-	-	-	-	-	-	-
" 30th June	-	-	-	-	11	7	-	-	-	-	-	-	-	-	-	-
" 30th September	-	-	-	-	3	5	-	-	-	-	-	-	1	-	-	-
" 31st December	2	-	-	-	3	7	-	-	-	-	-	-	-	-	-	-
Total Male and Female	1	0	1	3	18	19	0	0	0	0	0	0	1	0	0	0

Figure as compared with 1963 and 1962.

Disease	Number of Cases Notified.		
	1962	1963	1964
Scarlet Fever	1	1	1
Whooping Cough	0	13	4
Measles Excluding Rubella	42	36	37
Acute Poliomyelitis	0	0	0
Paralytic	1	0	0
Respiratory Tuberculosis	1	0	0
"	1	0	0
Paratyphoid Fever	0	0	1
Puerperal Pyrexia	0	1	0
Total.	46	51	43



Notifiable Diseases Cont:

As you will have noticed on the previous page, there has been a considerable drop in the number of notifiable diseases reported from 51 in 1963 to 43 in 1964.

Table VI.

Number of new cases of Tuberculosis notified  
During the year ended 31st December, 1964.

	N	I	L
	Males Females Children		
No. of Pulmonary on Register	5	3	2
No of NON Pulmonary on Register	1	0	0
New cases	0	0	0

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We have been advised by the Medical Officer of Health for Stoke Newington, that a Miss A. Bach, a registered case of pulmonary tuberculosis (first notified in 1938) will be moving into the Bowdon area in March of next year (1965).

Table VII.

Deaths from Tuberculosis registered during  
the year ended 31st December, 1964.

N I L

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In the year 1840, the first mission was established at the mouth of the River, and in the year 1841, a second mission was established at the mouth of the River.

The first mission was established at the mouth of the River, and the second mission was established at the mouth of the River.

No. 1. The first mission was established at the mouth of the River, and the second mission was established at the mouth of the River.

No. 2. The first mission was established at the mouth of the River, and the second mission was established at the mouth of the River.

No. 3. The first mission was established at the mouth of the River, and the second mission was established at the mouth of the River.

# THE NATIONAL HEALTH ACT SERVICES & SERVICE

Provided by the Cheshire County Council

## National Health Service Act 1946

### 1. Hospital Services

Controlling Body	Manchester Regional Hospital Board
Local Hospitals	Administered by North West, and Mid Cheshire Hospital Management Committee.
Secretary	Mr F. Fowden, Administrative Offices, Altrincham Maternity Hosp. Sinderland Road Altrincham.

### 2. Hospitals Serving this Area:

General Acute Cases	Altrincham General Hospital, and Denzell Convalescent Home, Bowdon.
General Chronic Cases	Withington Hospital, Manchester, and Cranford Lodge, Knutsford
Maternity Hospitals	Southfields, Bowdon, and Altrincham Maternity Hospital.
Ear Nose & Throat	St Annes Home, Altrincham.
Infectious Diseases	Monsall Hospital, Newton Heath, Manchester.
Smallpox	Ainsworth Smallpox Hospital, near Bury Lancs.

Bowdon Residents are also treated in the many Manchester Hospitals.

### 3. General Practitioners and General Dental Services.

Controlling Body	National Health Service Executive Council for Cheshire.
Clerk:	Mr F. Hayter, 28 Nicholas Street, Chester.

### 4. Services of Local Health Authority - Cheshire County Council.

#### Altrincham Divisional Health Committee:

Immunisation and Vaccination.

Care and after care.

Home Help Service

#### Cheshire County Council Services.

Ambulance Service

Ambulance Station, Manchester Road Broadheath  
Telephone ALT 3256





Cheshire County Council Services

Cont/...

Maternity & Child Welfare	The child Welfare Centre is open every Wednesday at 'Lister House' Broomfield Lane, Hale
Domiciliary Midwifery and District Nursing.	Miss A. Milvenan, 1 Bollin Court Bowdon,
Dental Services	Lister House - School Dentist, or The Dental Hospital, Manchester.
Mental Health Service Officer for Mental Health	Occupation Centre Navigation Road Altrincham J. Thompson, 5 School Road, Sale,

The Divisional Health Area, covers Altrincham M.B. Hale U.D.C., Knutsford U.D.C., Bowdon U.D.C., and Bucklow R.D.C.

Other Services by other Committees of Cheshire County Council.

Education Committee

School Health Services, including School Dental Service.

Welfare Committee

County Welfare Officer,  
Mr Evans,  
County Hall,  
Chester

Elderly persons, care and attention of homeless and handicapped persons provision for residential accommodation.

Childrens Committee.

Officer Mr J. Blades,  
Area Office,  
53/55 George Street,  
Altrincham.

Provides for the care of deprived children - children not under parental care, foster children etc.,

The Divisional Medical Officer:-

Dr W.H. Parry M.D., D.P.H., D.T.M. & H..  
Divisional Health Office,  
Mountlands,  
The Mount,  
Church Street,  
Altrincham,

Telephone ALT 5323 & 1981.



# Causes of Death for the year 1964

Cause of Death	1964			1963
	Male	Female	Total	Total
1. Respiratory Tuberculosis	-	-	-	-
2. Other forms of Tuberculosis	-	-	-	-
3. Syphilitic Disease	1	-	1	-
4. Diphtheria	-	-	-	-
5. Whooping Cough	-	-	-	-
6. Meningococcal Infections	-	-	-	-
7. Acute Poliomyelitis	-	-	-	-
8. Measles	-	-	-	-
9. Other infective and parasitic diseases	-	-	-	-
10. Malignant neoplasm of the stomach	-	-	-	-
11. Malignant neoplasm Lung and bronchus	2	1	3	4
12. Malignant neoplasm of the breast	-	1	1	3
13. Malignant neoplasm of the uterus	-	-	-	1
14. Other Malignant and lymphatic neoplasms	2	2	4	6
15. Leukaemia and aleukaemia.	-	-	-	-
16. Diabetes,	-	-	-	1
17. Vascular lesions of nervous system	2	7	9	13
18. Coronary disease, angina	6	2	8	12
19. Hypertension with heart disease	1	2	3	-
20. Other heart diseases	1	10	11	18
21. Other circulatory diseases	4	4	8	2
22. Influenza	-	-	-	-
23. Pneumonia	3	2	5	4
24. Bronchitis	3	-	3	2
25. Other diseases of the respiratory system	-	-	-	-
26. Ulcer of the stomach and duodenum	-	-	-	1
27. Gastritis, enteritis and diarrhoea	-	-	-	1
28. Nephritis and nephrosis	-	-	-	-
29. Hyperplasia of prostate	-	-	-	-
30. Pregnancy, Childbirth, abortion	-	-	-	-
31. Congenial malformations	-	1	1	-
32. Other defined and ill defined diseases	1	5	6	6
33. Motor vehicle accidents	-	-	-	1
34. All other accidents	-	-	-	-
35. Suicide	1	-	1	2
36. Homicide and operations of war	-	-	-	-
	27	37	64	78

## Total all causes

	Under 4 weeks	Under 1 year	1	5	15	25	35	45	55	65	75 & Over	TOTAL
Males	-	-	1	-	-	-	1	1	6	4	14	27
Females	-	1	-	-	-	-	-	-	4	9	23	37
	-	1	1	-	-	-	1	1	10	13	37	64

The majority of deaths are those associated with old age, that is the failing of the cardio vascular system and with cancer in its many forms.

The number of deaths give a death rate which is higher than the average over the country as a whole. This must not be regarded as of any particular significance as the total numbers being small, the average is easily upset by any chance increase or decrease in deaths occurring in any one month as say in January, or December, which would influence the rate for one or other calendar year.

There are also in Bowdon a greater number of older and more elderly retired people, this also, of course, effects the local death rate.



# MANCHESTER CORPORATION WATERWORKS

## THIRLMERE AND HAWESWATER DISTRIBUTED SUPPLIES

Typical analysis of the mixed supplies as samples in the area is as follows:-

pH value	...	7.0
Colour as p.p.m. platinum	...	10
Turbidity, p.p.m. silica scale		0.0
		<u>Parts per million</u>
Total solids dried at 180°C	...	36
Free acidity as CO <sub>2</sub>	...	2
Alkalinity as CaCO <sub>3</sub>	...	12
Total hardness as CaCO <sub>3</sub>	...	19
Chlorides as Cl <sub>2</sub>	...	6
Oxygen absorbed test: 4 hours at 27°C	...	0.78
Silica as SiO <sub>2</sub>	...	3
Iron as Fe	...	0.04
Manganese as Mn	...	0.02

Only slight variations occur in chemical quality of this water during the year.

Thirlmere water is neutralised with hydrated lime at the reservoir so as to give an almost neutral water (pH7) in the supply area. Haweswater has a similar pH without treatment. The lead content of this water, after being in contact with lead service pipes overnight, is less than 0.2ppm.

Two hundred and twentythree bacteriological samples were taken during the year with the following results:-

Total number of samples	223	
Samples free from coliform bacteria.	194	87.0%
Samples free from faecal coli	213	95.5%
Samples with faecal coli present	10	4.5%
Samples with non-faecal coli present	24	10.8%

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# SAMPLES WITH COLIFORMS PRESENT

No of Coli present in 100 mls of water	No of samples per cent		No of samples - per cent.
	<u>FAECAL COLI</u>		<u>NON FAECAL COLI</u>
1	8	3.6	18 8.1
2	1	0.45	- -
3	1	0.45	2 0.9
5	-	---	2 0.9
8	-	---	1 0.45
13	-	---	1 0.45
Totals	10	4.5	24 10.8

The coliform bacteria were derived from "aftergrowths" in the mains. There is no significance to be attached to the finding of small numbers of faecal coli in odd samples.

The water quality has been of excellent chemical quality and satisfactory bacteriological quality throughout the year.





## MILK SUPPLY

There are of course only three milk distributors in the area, these are as follows:-

<u>Name &amp; Address</u>	<u>Designation</u>
Mrs L. Bolton Vale Buildings, Vicarage Lane Bowdon	Sterilised
Manchester & Salford Co-op Soc., Vicarage Lane, Bowdon.	Sterilised
H. Warburton, Grange Farm, Grange Road, Bowdon.	Untreated, Pasteurised, and Sterilised.

During 1964, four samples of Pasteurised milk, 1 sample of Sterilised milk and 1 sample of Untreated Channel Island Milk, were obtained from Mr Warburton. These all proved satisfactory with the exception of the Channel Island Milk, produced and bottled by A.J. Moreton of Hondsloough Farm, Kingswood, which failed the methylene blue test. Subsequent samples of this producers milk obtained from other dealers proved satisfactory. No samples of Sterilised milk were taken from the other two dealers, but samples of this milk obtained from other branches of Manchester & Salford Co-op., and Wm. Horner Creameries, which is sold by Mrs Bolton, have all proved satisfactory.

Continued...



Cont...

## M i l k S u p p l y

Other samples of milk have been taken in the Bowdon area from dealers operating outside the Urban Boundary. These are as follows:-

<u>Name &amp; Address</u>	<u>Designation</u>	<u>Results</u>
Baker's Dairy, 51 Borough Road, Altrincham.	4 Pasteurised	All satisfactory
Oldfield Dairy, 126 Seamons Moss Road, Altrincham	1 Pasteurised	Satisfactory
Manchester & Salford Co-Op, Longley Lane, Wythenshawe,	1 Pasteurised 1 Sterilised	Satisfactory Satisfactory
S. Morton, Yew Tree Hall Farm, High Legh, Knutsford.	1 Untreated farm- Bottled	Satisfactory

Therefore during 1964 there were 10 Pasteurised samples, 2 Sterilised samples, 1 untreated Channel Island sample, and 1 Untreated Farm-bottled sample.



## REPORT OF THE PUBLIC HEALTH INSPECTOR.

The work of the Public Health Inspector during the year is limited due to the heavy demands on his time as Surveyor to the Urban District Council. However, progress has been made with routine work on housing and food premises inspection.

### Housing

a. Grants Standard Grants for the installation of bathing, washing and sanitary accommodation were approved for '2' properties and grants totalling £275-0-0 were paid.

b. New Houses Private enterprise was responsible for the construction of 21 new houses.

Progress has been made for the development of the Bow Lane site, for Council houses, but no contract has been accepted to date.

Existing Council Houses continue to call for extensive work of maintenance and repair. This is particularly so, regarding Vale and Vine Cottages, a block of old property which the Council improved by grant aid a few years ago.

### Refuse Collection and Disposal

The weekly refuse collection is maintained in the district but labour problems are acute. Further, the type of high class residential district, together with the tipping difficulties, make this an 'above average' service in cost.

Further consultations have taken place with the Authorities of Sale, Altrincham, Hale and Bucklow R.D.C. during the year with a view to a joint refuse incinerator.

### Drainage & Sewerage

All properties are supplied with main drainage and while several cases of stopped drains, and defective drains were dealt with, no serious complaint necessitated formal action under the Public Health Act.

The new Sewage Disposal Works have been brought into operation but various matters have arisen concerning the works contract as a whole.

### Food and Drugs.

All premises connected with the sale of food are inspected to insure the safe handling of food and to secure compliance with the Food and Drugs Act, 1955 and Food Hygiene Regulations 1960.

The following is a summary of the various food premises in the district:

Grocers and General Provisions	12
Green Grocers	2
Confectionery Shops	1
Butchers	1
Licensed Premises	4
Fish Friers	1
Registered Ice Cream Premises	4
Restaurants	3

The Cheshire County Council are responsible for the taking of food and drug samples in this district.



Offensive Trades. There are no offensive trades in the district.

Factories There are two factories in the district. No action has been necessary under the Factories Act, 1937 during the year.

Atmospheric Pollution As the Urban District is purely residential the possible source of nuisance from Factory chimneys within their district does not arise.

Serious pollution of the air however emanates from domestic premises both inside and outside the district, and the Clean Air Act., 1956 placed into the hands of Local Authorities power to establish Smoke Controlled Areas, within their district in order to reduce atmospheric pollution.

Suitable areas for establishing smoke control areas are the two new housing estates to the east and west of Bow Green Road. In addition the Council would establish smoke control areas involving properties owned by them many already of which have installed approved appliances making it a condition of tenancy that only smokeless fuel shall be burnt.

Following the introduction of the Clean Air Act, 1956 the Council amended their Building Bye-laws so as to include control of the installation of appliances for the burning of fuel in all new buildings. Rigid control is kept during the construction of new houses to ensure only approved appliances be installed.

The Council are Members of the Manchester and District Smoke Abatement Committee and they are represented at this Committee, and also at the Standing Conference of Local Authorities regarding Atmospheric Pollution.

Shops Act. No action has been necessary during the year in respect of the provisions of the Shops Act, 1950 regarding sanitary, and other arrangements in the shops.

Petroleum Licences. Your Public Health Inspector also acts as Petroleum Officer and during the year '4' licences were issued for permission to keep petroleum spirits, the 'Bowdon Hydro', failed to renew their licence this year.

Rodent Control . Sewer tests are taken periodically, but few are recorded.

The Council's refuse tip, and sewerage farm are treated weekly, and the Council's yard monthly. No serious infestation has been reported.

L.J. Cottrell,  
SURVEYOR AND PUBLIC HEALTH INSPECTOR.







